

AMENDMENT TO THE CLAIMS

6. A distributed control and monitoring system comprising:  
an emission monitoring system coupleable to a fossil  
fuel engine and an electric generator, the  
emission monitoring system for acquiring  
qualitative emission monitoring data relative to  
the fossil fuel engine; and  
a remote access node coupled to the emission monitoring  
system through a computer network, the node  
allowing remote access to the fossil fuel engine  
emission data and the generator output.
7. The system of claim 6, wherein the remote access node  
comprises a remote monitoring and control node.
8. The system of claim 6, wherein the system is adapted to  
self-diagnose and provide one or more alerts based on the self-  
diagnostics.
9. The system of claim 6, wherein the emission monitoring  
system further acquires generator data.
10. The system of claim 6, wherein the emission monitoring  
system further acquires power generation data.
11. The system of claim 6, wherein the emission monitoring  
system further acquires fuel data.
12. The system of claim 6, wherein the remote monitoring  
and control system reports emission data to a selected entity.